

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

STATUS OF THE CLAIMS:

1-63. (Canceled)

~~64.~~ (Previously Presented): A method for identifying a candidate compound which binds to a polypeptide selected from the group consisting of:

a) a polypeptide comprising the amino acid sequence of SEQ ID NO:2;

b) a polypeptide comprising the amino acid sequence encoded by the cDNA insert of the plasmid deposited with ATCC as Patent Deposit Number PTA-3439; and

c) a polypeptide encoded by the nucleotide sequence set forth in SEQ ID NO:1 or SEQ ID NO:3; wherein the compound is capable of modulating cellular growth or proliferation of cancer cells in vitro, the method comprising:

i) contacting a sample comprising the polypeptide with a test compound under conditions suitable for binding;

ii) detecting binding of the test compound to the polypeptide to identify a test compound that binds to the polypeptide;

iii) incubating the test compound which binds to the polypeptide with cancer cells; and

iv) determining whether the test compound modulates cellular growth or proliferation of the cancer cells;

thereby identifying a candidate compound capable of modulating cellular growth or proliferation of cancer cells in vitro.

~~2~~ ~~65.~~ (Previously Presented): The method of claim ~~64~~, wherein the polypeptide comprises the amino acid sequence of SEQ ID NO:2.

~~3~~ ~~66.~~ (Previously Presented): The method of claim ~~64~~, wherein the polypeptide is encoded by the nucleotide sequence set forth in SEQ ID NO:1 or SEQ ID NO:3.

~~4~~ ~~67.~~ (Previously Presented): The method of claim ~~64~~, wherein the polypeptide further comprises heterologous sequences.

5 ~~68~~. (Previously Presented): The method of claim ~~64~~, wherein the sample is an isolated polypeptide or a cell comprising the polypeptide.

6 ~~69~~. (Previously Presented): The method of claim ~~68~~, wherein the cell is a mammalian cell.

7 ~~70~~. (Previously Presented): The method of claim ~~64~~, wherein the compound is a small molecule.

8 ~~71~~. (Previously Presented): The method of claim ~~64~~ wherein the cancer cells are selected from the group consisting of lung cancer cells, breast cancer cells, ovarian cancer cells and colon cancer cells.

9 ~~72~~. (Previously Presented): The method of claim ~~64~~, wherein the binding of the test compound to the polypeptide is detected by a method selected from the group consisting of:

- a) direct detecting of test compound/polypeptide binding;
- b) a competition binding assay;
- c) an immunoassay; and
- d) a yeast two-hybrid assay.